

### **Abstract**

A system and method for implicit synchronization of user interface automation code with code of a computer program. A synchronization API is called that hooks into the message-queue of windows corresponding to the user interface. The  
5 synchronization API returns when the relevant threads corresponding to the windows and other system activities indicate that the message-queues are empty. The empty message-queues indicate that the user interface is idle and that the automation code may process its next action.